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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: LOW LOSS RF MEMS-BASED PHASE SHIFTER  
Docket No. 00SC134US9

Sir:

Transmitted herewith for filing under 35 U.S.C. 111 and 37 CFR 1.53 is the patent application of Jeffrey F. DeNatale, Jonathan B. Hacker, Robert E. Mihailovich and William R. Norvell entitled LOSS LOSS RF MEMS-BASED PHASE SHIFTER.

Enclosed are:

17 pages of written description, claims and abstract.  
3 sheets of drawings plus 2 copies.  
Unsigned Declaration and Power of Attorney.

The filing and recording fees have been calculated as shown below:

Basic Fee	(17- 20)	x \$18.00	=	\$750.00
Total Claims	(2- 3 )	x \$84.00	=	0.00
Independent Claims				<u>0.00</u>
Total Fee:				<b>\$750.00</b>

We authorize the Commissioner to charge Deposit Account No. 18-1750 the amount of **\$750.00** for the filing of this application. The Commissioner is also authorized to charge (1) payment of any additional filing fees required under 37 CFR §1.16, (2) payment of any patent application processing fees under 37 CFR §1.17 associated with this communication, or (3) payment of any fees that occur during the pendency of this application (and to credit any overpayment) to Deposit Account No. 18-1750. We enclose a duplicate copy of this sheet.

Very truly yours,  
KOPPEL, JACOBS, PATRICK & HEYBL

*[Signature]*  
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LAM/mm

Enclosures

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